

AS/NZS 3679.2:2010

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Australian/New Zealand Standard™

**Structural steel**

**Part 2: Welded I sections**



## **AS/NZS 3679.2:2010**

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee BD-023, Structural Steel. It was approved on behalf of the Council of Standards Australia on 28 October 2010 and on behalf of the Council of Standards New Zealand on 5 November 2010.

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The following are represented on Committee BD-023:

Austrroads  
Australian Chamber of Commerce and Industry  
Australian Industry Group  
Australian Steel Association  
Australian Steel Institute  
Bureau of Steel Manufacturers of Australia  
Business New Zealand  
Steel Construction New Zealand  
The University of New South Wales  
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AS/NZS 3679.2:2010

# Australian/New Zealand Standard™

## Structural steel

### Part 2: Welded I sections

Originated in Australia as AS 3679.2—1991.  
Jointly revised and designated AS/NZS 3679.2:1996.  
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## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee BD-023, Structural Steel to supersede AS/NZS 3679.2:1996.

The objective of this Standard is to specify requirements for welded I sections for general structural and engineering functions. These functions include the possibility of such welded I sections being subjected to dynamic and other special loads.

The contents of this edition align with:

### AS

3597 Structural and pressure vessel steel—Quenched and tempered plate

### AS/NZS

1163 Structural steel hollow sections

3678 Structural steel—Hot-rolled plates, floorplates and slabs

3679 Structural steel

3679.1 Part 1: Hot-rolled bars and sections

This edition incorporates the following major changes to the previous edition:

- (a) Redundant grades 250, 250L0, 250L15, 350, 350L0 and 350L15 have been removed.
- (b) The mandatory requirement for test reports and test certificates to be performed by third-party accredited laboratories.
- (c) The introduction of mandatory minimum information required on test certificates.
- (d) The inclusion of Appendix B on product conformity as a mandatory provision for conformance with this Standard.
- (e) The web-to-flange testing frequency has been revised and moved to Appendix B
- (f) Section dimensions has been moved to the new Appendix C.

To permit the steel industry time to adjust to the new edition of the Standard, the 1996 edition of AS/NZS 3679.1 will remain ‘available superseded’ and will be withdrawn 12 months from the date of publication of this Standard.

A statement expressed in mandatory terms in a note to a table is deemed to be a requirement of this Standard.

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the appendix to which they apply. A ‘normative’ appendix is an integral part of a Standard, whereas an ‘informative’ appendix is only for information and guidance.

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